Patent claims

1. A display apparatus having
a display layer (2) and
a touch-sensitive layer (3) running parallel thereto,
characterized in that
that side of the touch-sensitive layer (3) which is remote from the display layer (2) has an antireflection lattice (4) comprising lattice elements which can move toward one another.

2. The display apparatus as claimed in claim 1,
characterized in that
the lattice elements (5) are of strip-like design, the lattice elements (5) being able to move toward one another at nodes (13) of the lattice.

3. The display apparatus as claimed in claim 1,
characterized in that
the lattice elements (7) are of bristle-like design.

4. The display apparatus as claimed in claim 1,
characterized in that
the lattice elements (6) are of stud-like design.

5. The display apparatus as claimed in one of claims 1 to 4,
characterized in that
the lattice spacing is matched to the pixel spacing on the display layer (2) such that the ratio of the lattice spacing to the pixel spacing is even-numbered.

6. The display apparatus as claimed in one of claims 1 to 5,

characterized in that
the angle (9) between the lattice elements (5, 6, 7) and the touch-sensitive layer (3) is adjustable.

7. The display apparatus as claimed in claim 6, characterized in that
means are provided for automatically adjusting the angle (9) on the basis of the angle of the incident ambient light (18).

8. The display apparatus as claimed in one of claims 1 to 7, characterized in that
the lattice elements (5; 6; 7) are made of a light-absorbent material.

9. The display apparatus as claimed in one of claims 1 to 8, characterized in that
the antireflection lattice (4) is removable.

10. A display apparatus having
a display layer (2) and
a touch-sensitive layer (3) running parallel thereto, characterized in that
that surface of the touch-sensitive layer (3) which is remote from the display layer (2) has a lattice-like surface texturing, the lattice spacing being matched to the pixel spacing on the display layer (2) such that the ratio of the lattice spacing to the pixel spacing is even-numbered.

11. A display apparatus having
a display layer (2) and

a touch-sensitive layer (3) running parallel thereto,
characterized in that
the touch-sensitive layer (3) contains lattice elements (17), the lattice spacing being matched to the pixel spacing on the display layer (2) such that the ratio of the lattice spacing to the pixel spacing is even-numbered.

12. The display apparatus as claimed in claim 11, characterized in that
the lattice elements (17) have liquid crystals.

13. The display apparatus as claimed in claim 11, characterized in that
the lattice elements (17) are made of an electrochromic material.

14. The display apparatus as claimed in claim 12 or 13,
characterized in that
means are provided for automatically adjusting the optical properties of the lattice elements (17) on the basis of the ambient light conditions.

15. A display apparatus having
a display layer (2) and
a touch-sensitive layer (3) running parallel thereto,
characterized in that
the touch-sensitive layer (3) is formed by strip-like lattice elements (15) arranged in lattice form, and touch sensors have been integrated into the nodes (13) of the lattice.

16. The display apparatus as claimed in claim 15, characterized in that

the lattice elements (15) contain electrical conductors (14) which run parallel to the display layer (2) and do not touch at the nodes (13) of the lattice, and the lattice elements (15) are made of an elastic material, with means being provided for evaluating the spacing of the conductors (14) at nodes (13) of the lattice.

17. The display apparatus as claimed in claim 15, characterized in that
the touch sensors are capacitive sensor elements.